



●基板自立形 85°C品 LGAシリーズ

JIS C 5101
CE-69

●SNAP-IN TERMINAL TYPE 85°C USE TYPE LGA

JIS C 5101
CE-69

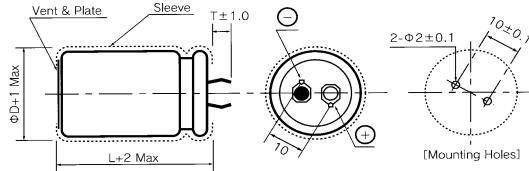
■特徴

- ・プリント基板自立形構造の大容量電解コンデンサ
- ・85°C 3,000時間を保証。
- ・基板洗浄タイプではありません。

■FEATURES

- ・This product is a large capacitance electrolytic capacitor having a printed circuit board snap-in terminal structure.
- ・This product is the guaranteed service life of 3,000 hours at 85°C.
- ・Not washable product.

■寸法図/DIAGRAM OF DIMENSIONS



■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-25 ~ +85°C												
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20 ~ +20%												
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	I=0.02CV OR 3mA WHICHEVER IS THE smaller (after 5 minutes) C=RATED CAPACITANCE (μF) V=WORKING VOLTAGE (V)												
損失角の正接 (最大値) (tan δ)	DISSIPATION FACTOR (MAX. VALUE) (tan δ)	<table border="1"> <tr> <td>W.V</td> <td>200</td> <td>250</td> <td>400</td> <td>420</td> <td>450</td> </tr> <tr> <td>tan δ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> </table> <p>When the capacitance exceed 1,000 μF, the value of tan δ is increased by 0.02 for each increment of 1,000 μF or its fraction.</p>	W.V	200	250	400	420	450	tan δ	0.22	0.19	0.16	0.14	0.12
W.V	200	250	400	420	450									
tan δ	0.22	0.19	0.16	0.14	0.12									
耐久 85°C 3,000時間 定格使用電圧印加	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 85°C FOR 3,000 HOURS.	<table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Less than 200% of the initial specification value</td> </tr> <tr> <td>Leakage Current</td> <td>Less than the initial specification value</td> </tr> </table>	Capacitance Change	Within ±20% of the initial value	Dissipation Factor	Less than 200% of the initial specification value	Leakage Current	Less than the initial specification value						
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高温無負荷特性 電圧を印加しないで 85°C 1,000時間放置	ENDURANCE APPLICATION OF WITHOUT VOLTAGE AT 85°C FOR 1,000 HOURS.	<table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Less than 200% of the initial specification value</td> </tr> <tr> <td>Leakage Current</td> <td>Less than 200% of the initial specification value</td> </tr> </table>	Capacitance Change	Within ±20% of the initial value	Dissipation Factor	Less than 200% of the initial specification value	Leakage Current	Less than 200% of the initial specification value						
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その他の特性はJIS C 5101-4に準ずる	THE OTHER CHARACTERISTICS	THE OTHER CHARACTERISTICS ARE BASED ON JIS C 5101-4.												

■定格リップル電流補正係数

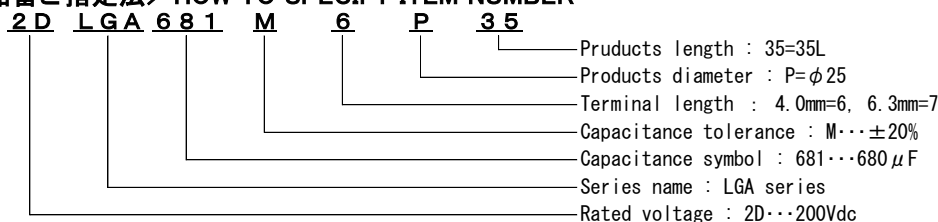
リップル周波数が標準品一覧表の規定値と異なる場合には、下表の係数を乗じた値以下でご使用下さい。

When the ripple frequency differs from the specification shown in the list of standard products, multiply the value with the coefficient shown below, and use the products under the obtained value.

周波数補正係数/FREQUENCY CORRECTION FACTOR

Rated Voltage Vdc	Frequency (Hz)				
	60	120	300	1k	10k
200~250	0.80	1.00	1.15	1.17	1.20
400~450	0.77	1.00	1.10	1.12	1.15

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER





■寸法表/CASE SIZE TABLE

Cap. (μ F)	200Vdc							
	ϕ 22		ϕ 25		ϕ 30		ϕ 35	
	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC
270	22 \times 25	1.25						
330	22 \times 25	1.32						
390	22 \times 30	1.51	25 \times 25	1.56				
470	22 \times 30	1.73	25 \times 30	1.78				
560	22 \times 35	1.91	25 \times 30	1.96	30 \times 25	1.96		
680	22 \times 40	2.17	25 \times 35	2.26	30 \times 30	2.27		
820	22 \times 45	2.45	25 \times 40	2.54	30 \times 30	2.53		
1000	22 \times 55	2.88	25 \times 45	2.99	30 \times 35	2.87		
1200			25 \times 50	3.29	30 \times 40	3.28	35 \times 35	3.25
1500					30 \times 50	3.76	35 \times 40	3.71
1800					30 \times 55	4.20	35 \times 45	4.19
2200							35 \times 50	4.78

■Ripple Current [Max. value A] at 85°C 120Hz

Cap. (μ F)	250Vdc							
	ϕ 22		ϕ 25		ϕ 30		ϕ 35	
	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC
220	22 \times 30	1.13						
270	22 \times 30	1.37						
330	22 \times 35	1.52	25 \times 30	1.47				
390	22 \times 40	1.72	25 \times 35	1.72				
470	22 \times 45	1.96	25 \times 40	1.96	30 \times 30	1.86		
560	22 \times 50	2.27	25 \times 45	2.14	30 \times 35	2.14		
680			25 \times 50	2.44	30 \times 40	2.47		
820					30 \times 45	2.72	35 \times 35	2.70
1000					30 \times 50	3.24	35 \times 40	3.18
1200							35 \times 50	3.50

Cap. (μ F)	400Vdc							
	ϕ 22		ϕ 25		ϕ 30		ϕ 35	
	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC
82	22 \times 25	0.76						
100	22 \times 30	0.90						
120	22 \times 30	1.00	25 \times 25	1.03				
150	22 \times 35	1.13	25 \times 30	1.16				
180	22 \times 40	1.29	25 \times 35	1.32	30 \times 25	1.38		
220	22 \times 45	1.44	25 \times 40	1.50	30 \times 30	1.52		
270			25 \times 45	1.63	30 \times 35	1.66		
330			25 \times 50	1.82	30 \times 40	1.87	35 \times 30	1.87
390					30 \times 45	2.06	35 \times 35	2.08
470					30 \times 50	2.28	35 \times 40	2.31
560							35 \times 45	2.60
680							35 \times 50	2.83

Cap. (μ F)	420Vdc							
	ϕ 22		ϕ 25		ϕ 30		ϕ 35	
	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC
82	22 \times 25	0.78						
100	22 \times 30	0.88	25 \times 25	0.89				
120	22 \times 30	0.98	25 \times 30	0.99				
150	22 \times 35	1.10	25 \times 30	1.15	30 \times 25	1.19		
180	22 \times 40	1.21	25 \times 35	1.30	30 \times 30	1.35		
220			25 \times 40	1.44	30 \times 35	1.51		
270					30 \times 40	1.74	35 \times 30	1.77
330			25 \times 55	2.01	30 \times 45	1.80	35 \times 35	1.98
390					30 \times 50	2.03	35 \times 40	2.07
470					30 \times 55	2.28	35 \times 45	2.38
560							35 \times 50	2.69

Cap. (μ F)	450Vdc							
	ϕ 22		ϕ 25		ϕ 30		ϕ 35	
	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC	ϕ D \times L	RC
68	22 \times 25	0.64						
82	22 \times 25	0.79						
100	22 \times 30	0.86	25 \times 25	0.88				
120	22 \times 35	0.98	25 \times 30	1.00	30 \times 25	1.02		
150	22 \times 40	1.08	25 \times 35	1.13	30 \times 25	1.18		
180	22 \times 45	1.20	25 \times 40	1.28	30 \times 30	1.32		
220			25 \times 45	1.45	30 \times 35	1.50	35 \times 30	1.46
270			25 \times 50	1.57	30 \times 40	1.73	35 \times 30	1.73
330					30 \times 45	1.93	35 \times 35	1.96
390					30 \times 50	2.17	35 \times 40	2.17
470							35 \times 45	2.45
560							35 \times 50	2.63